



PTO/SB/17 (10-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Complete if Known

Application Number	09/830,994
Filing Date	May 3, 2001
First Named Inventor	Kristilna YLIHONKO
Examiner Name	Kathleen Kerr
Art Unit	1652
Attorney Docket No.	029381.49884

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$ 210.00)**METHOD OF PAYMENT** (check all that apply)☒ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:

Deposit Account Number	05-1323
Deposit Account Name	Crowell & Moring LLP

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Charge any deficiency or credit any overpayments to the deposit account of the undersigned. Attorney Docket No. 029381.49884☐ Charge any additional fee(s) during the pendency of this application.☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1001 770 2001 385		Utility filing fee
1002 340 2002 170		Design filing fee
1003 530 2003 265		Plant filing fee
1004 770 2004 385		Reissue filing fee
1005 160 2005 80		Provisional filing fee

SUBTOTAL (1)**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

	Extra Claims	Fee from below	Fee Paid
Total Claims	-20** =	x	=
Indep. Claims	-3** =	x	=
Multiple Dependent			=

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18 2202 9		Claims in excess of 20
1201 86 2201 43		Independent claims in excess of 3
1203 290 2203 145		Multiple dependent claim, if not paid
1204 86 2204 43		** Reissue independent claims over original patent
1205 18 2205 9		** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$

**or number previously paid, if greater; For Reissues, see above.

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
1051 130 2051 65		Surcharge - late filing fee or oath
1052 50 2052 25		Surcharge - late provisional filing fee or cover sheet
1053 130 1053 130		Non-English specification
1812 2,520 1812 2,520		For filing a request for <i>ex parte</i> reexamination
1804 920* 1804 920*		Requesting publication of SIR prior to Examination action
1805 1,840* 1805 1,840*		Requesting publication of SIR after Examiner action
1251 110 2251 55		Extension for reply within first month
1252 420 2252 210		Extension for reply within second month
1253 950 2253 475		Extension for reply within third month
1254 1,480 2254 740		Extension for reply within fourth month
1255 2,010 2255 1,005		Extension for reply within fifth month
1401 330 2401 165		Notice of Appeal
1402 330 2402 165		Filing a brief in support of an appeal
1403 290 2403 145		Request for oral hearing
1451 1,510 1451 1,510		Petition to institute a public use proceeding
1452 110 2452 55		Petition to revive - unavoidable
1453 1,330 2453 665		Petition to revive - unintentional
1501 1,330 2501 665		Utility issue fee (or reissue)
1502 480 2502 240		Design issue fee
1503 640 2503 320		Plant issue fee
1406 130 1460 130		Petitions to the Commissioner
1807 50 1807 50		Processing fee under 37 CFR 1.17(q)
1806 180 1806 180		Submission of Information Disclosure Stmt
8021 40 8021 40		Recording each patent assignment per property (times number of properties)
1809 770 2809 385		Filing a submission after final rejection (37 CFR § 1.129(a))
1810 770 2810 385		For each additional invention to be examined (37 CFR § 1.129(b))
1801 770 2801 385		Request for Continued Examination (RCE)
1802 900 1802 900		Request for expedited examination of a design application

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

Fee Paid

\$210.00

\$210.00

SUBMITTED BY**Complete (if applicable)**

Name (Print/Type)	Herbert I. Cantor	Registration No. (Attorney/Agent)	24,392	Telephone	202-624-2500
Signature				Date	07/08/04

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 09/830,994 Confirmation No. : 7174
Applicant : Kristiina YLIHONKO, et al.
Filed : May 3, 2001
TC/A.U. : 1652
Examiner : Kathleen Kerr
Docket No. : 029381.49884
Customer No. : 23911
Title : The Gene Cluster Involved in Aclacinomycin Biosynthesis, and
Its Use for Genetic Engineering

AMENDMENT AND REPLY

Mail Stop
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is a Reply to the Office Action dated February 11, 2004 for the above-identified patent application. This Reply is accompanied by a Petition under 37 C.F.R. § 1.132.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

A Petition for Extension of Time begins on page 6 of this paper.

Remarks begin on page 7 of this paper.

07/12/2004 WABRHAM1 00000120 09830994

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